

# DH-DVR0404HE-AS/AN

4 Channel Entry-level Full D1 1U Standalone DVR



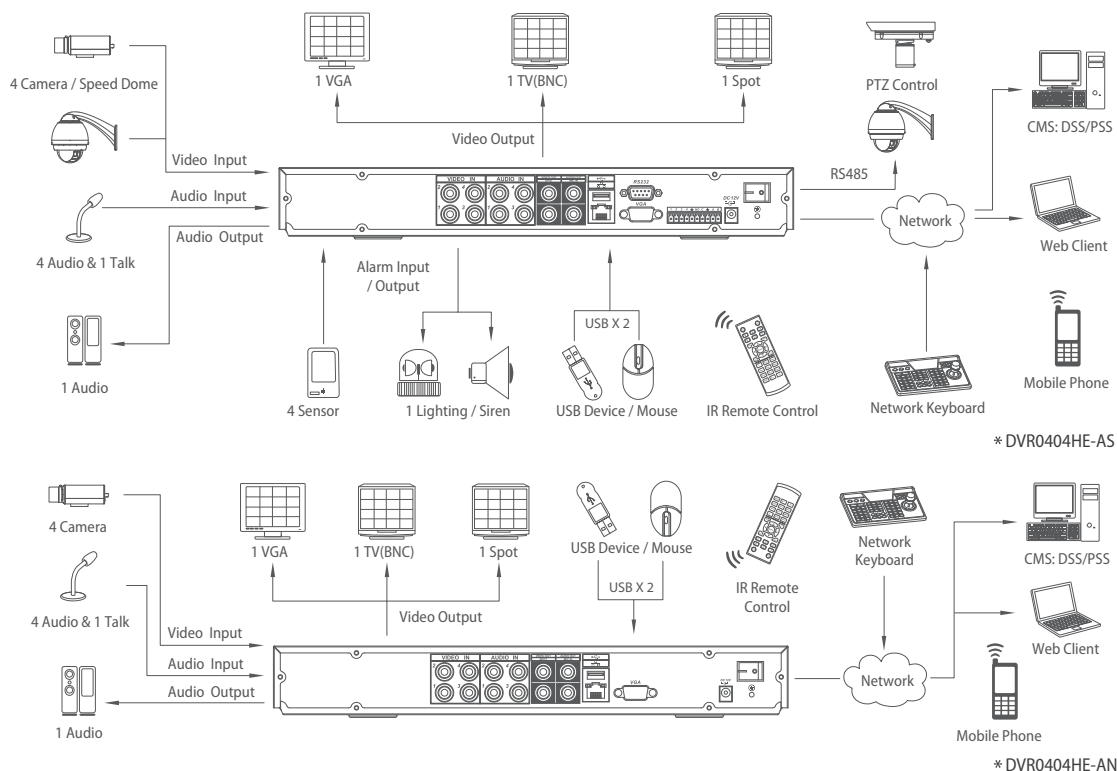
DH-DVR0404HF-AS: Full D1 recording, 4 channel video inputs, 4 channel audio inputs, 1 channel spot output with multi split display . It can support VGA, USB2.0 and 1 HDD.

DH-DVR0404HE-AN: Same with DVR0404HE-AS, but without RS485 and alarm input/output.

## Features

- 4 channel full D1 entry level 1U standalone DVR
- Up to 4 cameras with SXGA(1280×1024) display
- H.264 dual-stream video compression
- Full channel D1(4CIF) realtime recording
- VGA / TV/Spot(BNC) synchronous video output
- Live, recording, playback, backup & remote access
- 4 channel simultaneous realtime playback & smart search
- Smart video detection: MD, camera blank, video loss
- 3D intelligent positioning with Dahua PTZ dome camera(DVR0404HE-AS)
- Easy backup: USB devices, network download
- Alarm triggering screen tips, buzzer, PTZ, e-mail & FTP upload(DVR0404HE-AS)
- Support 1 SATA HDD, 2 USB2.0
- Built-in web server, multi-DVR client, DMSS & CMS

## System Connection



# DH-DVR0404HE-AS/AN

## Specifications

Model		DH-DVR0404HE-AS	DH-DVR0404HE-AN	
System	Main Processor	High performance embedded microprocessor		
	Operating System	Embedded LINUX		
	System Resources	Pentaplex function: live, recording, playback, backup & remote access		
	Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network		
Video	Input	4 channel, BNC(1.0Vp-p, 75Ω)		
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
	Output	1 VGA, 1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω)		
Audio	Input	4 channel, BNC(200-2800mV, 30KΩ)		
	Output	1 channel, BNC(200-3000mV, 5KΩ)		
	Bidirectional Talk	1 channel Input, BNC(200-2800mV, 30KΩ)		
Display	Display Split	1/4		
	Spot Split	1/4		
	Resolution	1280×1024, 1280×720, 1024×768, 800×600		
	Tour Display	Support		
	Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
	OSD	Camera title, time, video loss, camera lock, motion detection, recording		
Recording	Video/Audio Compression	H.264 / G.711		
	Image Resolution	D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)		
	Encoding Speed	Main Stream: D1/HD1/2CIF/CIF(1~25/30fps) Extra Stream: CIF/QCIF(1~25/30fps)		
	Bit Rate	32~2048Kb/s		
	Image Quality	1~6 level(level 6 is the best, VBR effectively)		
	Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: MD, Camera blank, Video loss), Alarm), Stop	Manual, Schedule(Regular(Continuous), MD(Video detection: MD, Camera blank, Video loss)), Stop	
	Recording Priority	Manual > Alarm > MD > Regular	Manual > MD > Regular	
	Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.		
Video Detection & Alarm	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot	Recording, PTZ movement, Tour, Email, Spot	
	Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)		
	Video Loss & Camera Blank	Support		
	Alarm Input	4 channel	N/A	
	Relay Output	1 channel	N/A	
Playback & Backup	Playback Channel	1/2/4		
	Search Mode	Time/Date, Alarm, MD & Exact search, Smart search	Time/Date, MD & Exact search, Smart search	
	Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)		
	Backup Mode	Flash drive/ USB HDD/ USB CD&DVD-RW / Network download		
Network	Ethernet	RJ-45 port (10/100M/1000M)		
	Network Functions	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server		
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information		
Hard Disk	Hard Disk	1 SATA port, Max 2TB HDD supported		
	Space Occupation	Audio: 28.8MB/H, Video: 56~ 900MB/H		
	HDD Management	Hard disk hibernation technology, HDD faulty alarm		
Auxiliary Interface	USB Interface	2 ports, 1 for mouse control, 1 for backup		
	RS232	Dahua keyboard, PC communication	N/A	
	RS485	PTZ control	N/A	
Environmental	Power Supply	DC12V/3.3A		
	Power Consumption	15W(without HDD)		
	Working Environment	-10~+55°C / 10~90%RH / 86~106kpa		
	Dimension	1U, 375mm×285mm×45mm(W×D×H)		
	Weight	1.8KG(without HDD)		